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# **(U) Pu/Z/ICE Waste Disposition Working Group: May 6, Meeting**

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**May 6, 2021**

# Bottom Line Up Front

- Pu/Z/ICE waste removal from SNL was last performed prior to WIPP event and the Triad/N3B split
- Material/waste owned by LANL throughout the process
- Plan C – Now Plan A
  - Load TRUPACT-IIs with 5 SWBs (6 shots) using MLU at SNL's Tech Area 5
  - Conduct a routine shipment of this ATL E material to TA-55
  - Unload and stage the SWBs at TA-55 until they can be moved down to TA-54
- Near-term Activities
  - Obtain CBFO approval of the Waste Specific Data Package TRAMPAC
  - Schedule the MLU resources
  - Prepare an NMCA Form 019 / Authorization to Ship (ATS)
  - Ship!!

# Container Status

## 30 Shots Conducted Nov 2010 to March 2021

- One failed; system fault closed valve prematurely
- Five are LLW
- Nine are already entombed at WIPP
  - three shipped by LANS; 6 shipped by N3B
- Two are still with N3B prepped & awaiting shipment
- Remaining thirteen staged at SNL
  - eleven have already been packaged into SWBs
  - two are waiting to be packed (2X Mar. 2021 exps.)

# First Shipment

- Five SWBs
  - LA00000067127 = Shot 12
  - LA00000067550 = Shot 13
  - LA00000067128 = Shots 14 and 15
  - LA00000067130 = Shot 16
  - LA00000067129 = Shot 17
  
- All are Attractiveness Level “E”    ATL E
- All have been determined to have no programmatic value
- Will be shipped as material: SNL → TA-55    “intersite”

# LANL Receipt

- Using the ATS
  - LANL SAFE-NMCA “books” them into LANMAS
  - LANL SAFE-NMCA initiates Termination of Safeguards (ToS)
  - NA-LA (local site office) approves ToS
- TRUPACT-IIs are unloaded and SWBs are staged locally
- SWBs are loaded into an OS-PT local conveyance
- SWBs depart TA-55 for N3B
- ToS is implemented

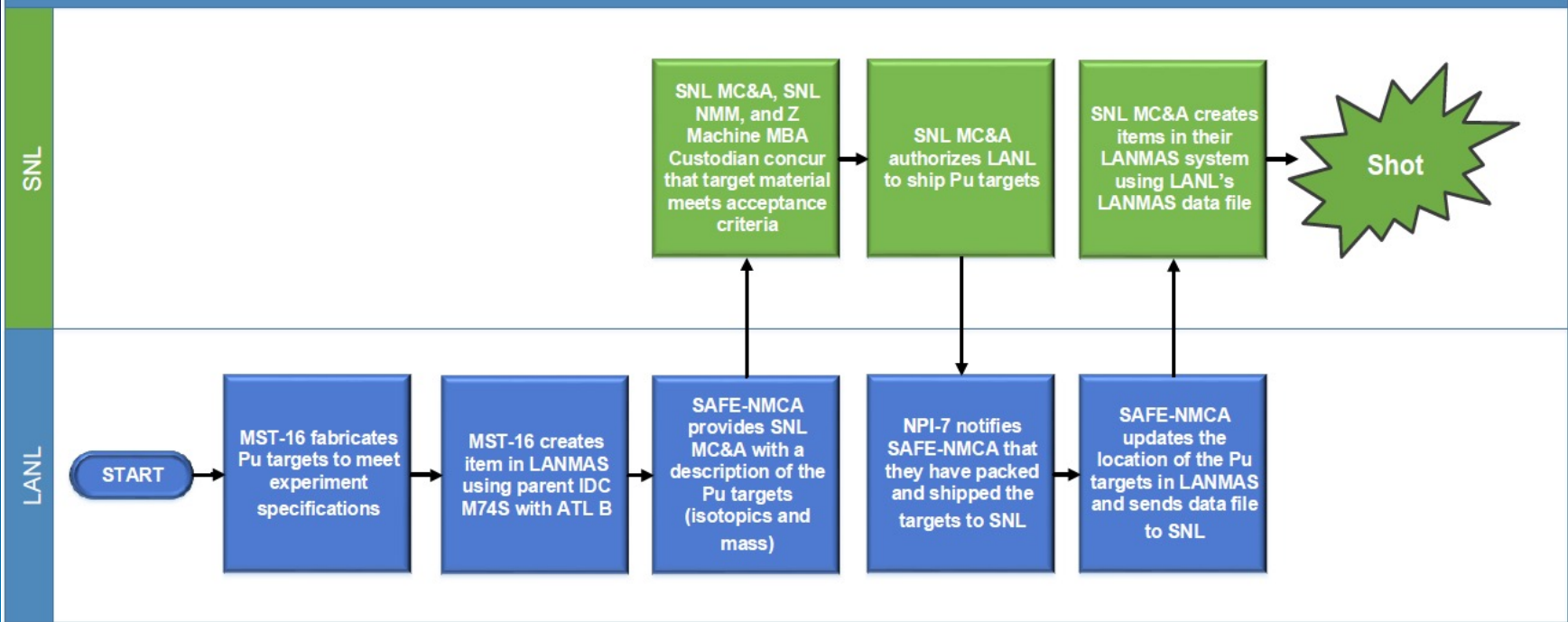
# Action/Follow-Up Items

- **Fredenburg:** Update slide #3 with correct shot number and packaging information (done, updated in this version of slide deck)
- **Humphreys:** Will reach out to CBFO to check status on site-specific TRAMPAC
- **Wannigman:** ensure dunnage SWB can be returned compliantly to SNL
- **Wannigman:** Determine if TA-54 PISA regarding MAR limits due to seismic concerns could affect the planned shipment.
- **Shipman:** Concurrence contacts at SNL are Todd Dunivan and Laura Whittet

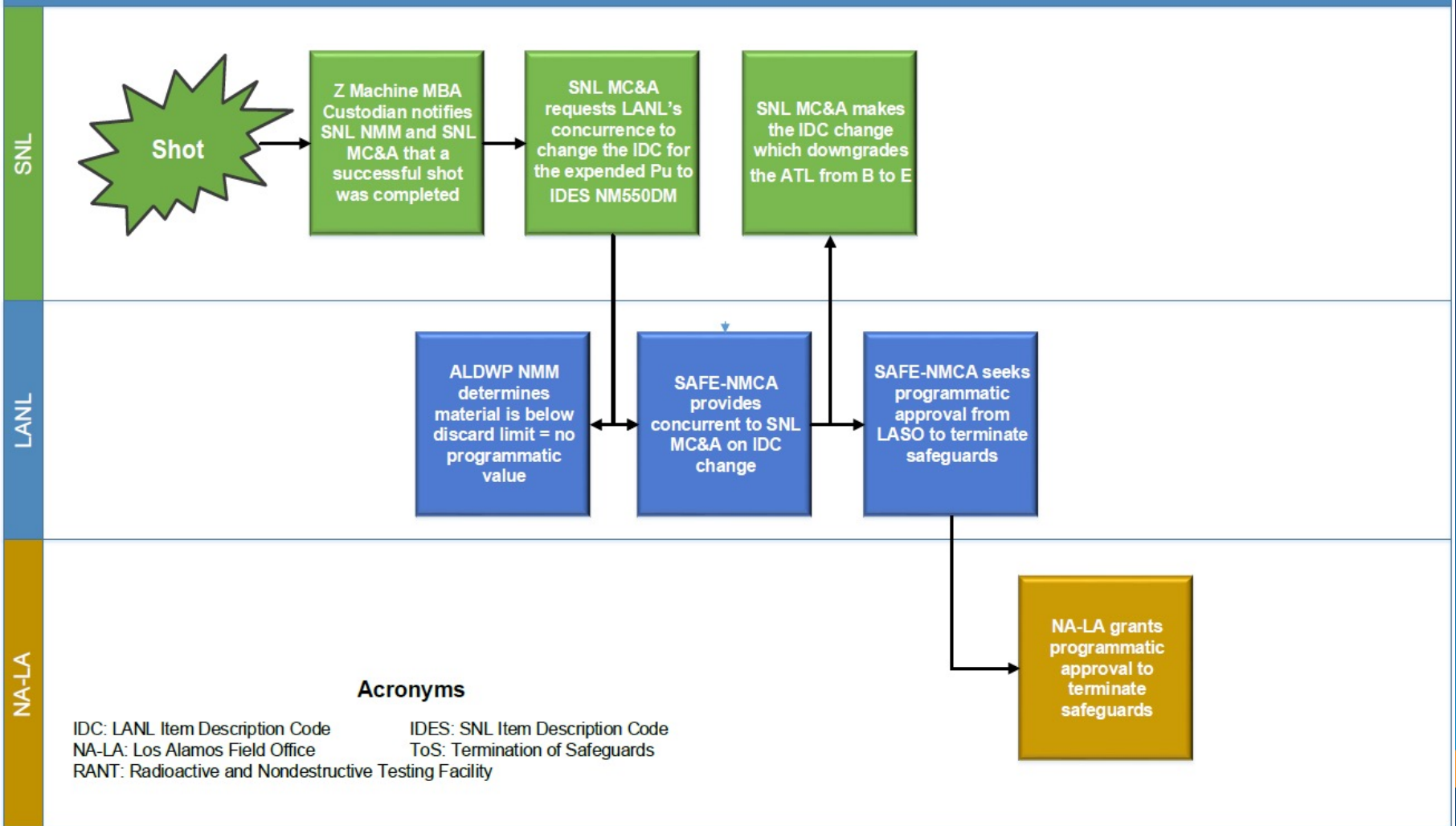
# Supplemental Information Process Flow Diagrams

# Process Flow Diagrams

## Pu-ICE: Pre-Shot MC&A



Pu-ICE: Post-Shot MC&A



Pu-ICE: Shipment of SWBs to LANL

